

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3607	braun.in.	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:04
L2	2	I1 and cGMP	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:05
L3	458	erdmann.in.	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:05
L4	1	I3 and cGMP	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:05
L5	5579	cGMP or caseino?glycomacropeptide	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:07
L6	3306	hydrophobic resin or serdolith III or lewitat ep-63 or lewitat OC "1064" or lewitat oc "1066" or lewitat VC-OC or amberlite XAD	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:08
L7	9	I6 and I5	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:11
L8	466851	blocking or masking or succinic anhydride or maleic anhydride or propio-lactone or chlorophillin	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:40
L9	2576	I8 and I5	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:09
L10	94	I8 same I5	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:10
L11	28	I10 and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:41
L12	0	I11 and I7	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:11
L13	1	I10 and I7	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:11
L14	21	caseino-glycomacropeptide or caseino glycomacropeptide	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:17
L15	0	I14 and I7=6	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:17
L16	1	I14 and I6	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:17
L17	2	I14 and I8	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:28
L18	1	"4975289"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:39
L19	3626	off with flavor	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:39
L20	17	I19 and I6	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:39

EAST Search History

L21	513	I19 and I8	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:39
L22	78896	succinic anhydride or maleic anhydride or propio-lactone or chlorophillin	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:40
L23	144	I22 and I19	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:40
L24	103	I23 and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:41
L25	6	I20 and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:45
L26	10	flavor same I6	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:45
L27	41815	flavor and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:45
L28	8	I26 and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:46
L29	3594	I22 and flavor	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:46
L30	0	I22 sameflavor	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:46
L31	356	I22 same flavor	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:57
L32	112	I31 and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:52
L33	62	I32 and (polypeptide or protein or amino acid)	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:52
L34	66	I32 and (polypeptide or protein or amino acid or casein)	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:53
L35	12	I32 and (casein)	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:53
L36	385	I22 same (flavor or taste)	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:57
L37	54455	I22 and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:58
L38	132	I36 and @pd<"20030116"	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:58
L39	65	I38 and (protein or polypeptide)	US-PGPUB; USPAT	ADJ	ON	2006/04/20 11:58

F23 8 FRFULL
F24 7 BIOTECHNO
F25 6 BIOENG
F26 6 JICST-EPLUS
F27 6 PROMT
F28 6 DPCI
F29 5 DISSABS
F30 4 ANABSTR
F31 4 CEABA-VTB
F32 4 CAOLD
F33 3 BIOTECHABS
F34 3 BIOTECHDS
F35 2 ANTE
F36 2 CONFSCI
F37 2 DDFB
F38 2 DGENE
F39 2 DRUGB
F40 2 FRANCEPAT
F41 1 DRUGU
F42 1 GBFULL
F43 1 PATDPAFULL
F44 1* FEDRIP

=> f1-f14

=> s 11

L2 1102 L1

=> s serdolith III or lewatit ep?63 or lewatit OC?1064 or lewatit OC?1066 or lewatit VC?OC or ?' TRUNCATION SYMBOL NOT VALID WITHIN 'EP?63'

The truncation symbol ? may be used only at the end of a search term. To specify a variable character within a word use '!', e.g., 'wom!n' to search for both 'woman' and 'women'. Enter "HELP TRUNCATION" at an arrow prompt (=>) for more information.

=> s serdolith III or lewatit ep(1W)63 or lewatit OC(1W)1064 or lewatit OC(1W)1066 or lewatit \ 9 FILES SEARCHED...

L3 9017 SERDOLITH III OR LEWATIT EP(1W) 63 OR LEWATIT OC(1W) 1064 OR LEWATIT OC(1W) 1066 OR LEWATIT VC(1W) OC OR AMBERLITE XAD

=> s 11 and 13

L4 5 L1 AND L3

=> dup rem 14

PROCESSING COMPLETED FOR L4

L5 3 DUP REM L4 (2 DUPLICATES REMOVED)

=> d bib abs 1-3

L5 ANSWER 1 OF 3 USPATFULL on STN

AN 2005:195857 USPATFULL

TI Stabilizing cgmp in aqueous formulation

IN Braun, Marcel, Konolfingen, SWITZERLAND

Erdmann, Peter, Bern, SWITZERLAND

PI US 2005169998 A1 20050804

AI US 2003-506727 A1 20030116 (10)

WO 2003-EP411 20030116

PRAI EP 2003-2004880 20020304

DT Utility

FS APPLICATION

LREP BELL, BOYD & LLOYD LLC, P. O. BOX 1135, CHICAGO, IL, 60690-1135, US

CLMN Number of Claims: 11

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 320

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cGMP containing aqueous composition exhibiting a reduced off-flavor even after extended storage, comprising a hydrophobic resin; and an agent, that chemically blocks functional groups in cGMP. Methods of preparing and using the product are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN DUPLICATE 1

AN 2003:715749 CAPLUS

DN 139:235054

TI Stabilizing ***caseino*** - ***glycomacropeptide*** in aqueous formulations

IN Braun, Marcel; Erdmann, Peter

PA Societe des Produits Nestle S. A., Switz.

SO Eur. Pat. Appl., 8 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1342467	A1	20030910	EP 2002-4880	20020304
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	CA 2477578	AA	20030912	CA 2003-2477578	20030116
	WO 2003074017	A1	20030912	WO 2003-EP411	20030116
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003208328	A1	20030916	AU 2003-208328	20030116
	EP 1482903	A1	20041208	EP 2003-706361	20030116
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	US 2005169998	A1	20050804	US 2003-506727	20030116
PRAI	EP 2002-4880	A	20020304		
	WO 2003-EP411	W	20030116		

AB The present invention relates to a method of stabilizing ***caseino*** - ***glycomacropeptide*** (cGMP) in aq. formulations and reducing an off-flavor formation. In particular, the present invention comprises a formulation, having a pH below about 6 and/or comprising a hydrophobic resin and/or an off-flavor masking substance and/or agents blocking functional groups in the ***caseino*** - ***glycomacropeptide***.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 3 PCTFULL COPYRIGHT 2006 Univentio on STN

AN 2003074017 PCTFULL ED 20030917 EW 200337

TIEN STABILIZING cGMP IN AQUEOUS FORMULATION

TIFR STABILISATION DE CGMP DANS UNE PREPARATION AQUEUSE

IN BRAUN, Marcel, Hoehenweg 5, CH-3510 Konolfingen, CH [CH, CH];

PA ERDMANN, Peter, Klaraweg 7, CH-3006 Bern, CH [DE, CH]
SOCIETE DES PRODUITS NESTLE S.A., P.O. Box 353, CH-1800 Vevey, CH [CH,
CH], for all designates States except US;

AG BRAUN, Marcel, Hoehenweg 5, CH-3510 Konolfingen, CH [CH, CH], for US
only;

ERDMANN, Peter, Klaraweg 7, CH-3006 Bern, CH [DE, CH], for US only

AG STRAUS, Alexander, Becker, Kurig, Straus, Bavariastrasse 7, 80336
Munich, DE

LAF English

LA English

DT Patent

PI WO 2003074017 A1 20030912

DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM
TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2003-EP411 A 20030116

PRAI EP 2002-02004880.7 20020304

ABEN The present invention relates to a method of stabilizing ***caseino*** - ***glycomacropeptide*** (cGMP) in aqueous formulations and reducing an off-flavor formation. In particular, the present invention comprises a formulation, having a pH below about 6 and/or comprising a hydrophobic resin and/or an off-flavor masking substance and/or agents blocking functional groups in the ***caseino*** - ***glycomacropeptide***.

ABFR la presente invention concerne un procede (7) permettant de stabiliser des ***caseino*** - ***glycomacropeptides*** (cGMP) dans des preparations aqueuses et d'attenuer la formation d'arriere-gouts. Cette invention porte en particulier sur une preparation au pH inferieur a 6 environ et/ou comprenant une resine hydrophobe et/ou une substance qui masque les arriere-gouts et/ou des agents qui bloquent les groupes fonctionnels des ***caseino*** - ***glycomacropeptides***.

=> d his

L1 QUE CASEIN? (S) GLYCOMACROPEPTIDE

FILE 'CAPLUS, CABA, USPATFULL, FROSTI, FSTA, BIOSIS, PCTFULL, SCISEARCH,
INPADOC, IFIPAT, WPIDS, MEDLINE, EPFULL' ENTERED AT 13:42:39 ON 20 APR
2006

L2 1102 S L1

L3 9017 S SERDOLITH III OR LEWATIT EP(1W)63 OR LEWATIT OC(1W)1064 OR LE

L4 5 S L1 AND L3

L5 3 DUP REM L4 (2 DUPLICATES REMOVED)

=> S succinic anhydride or maleic anhydride or propio(1W)lactone or chlorophillin
L6 244899 SUCCINIC ANHYDRIDE OR MALEIC ANHYDRIDE OR PROPIO(1W) LACTONE OR
CHLOROPHILLIN

=> S 11 and 16

L7 13 L1 AND L6

=> dup rem 17

PROCESSING COMPLETED FOR L7

=> s 18 and py<2003
 6 FILES SEARCHED...
 11 FILES SEARCHED...
 12 FILES SEARCHED...
 L9 4 L8 AND PY<2003

=> d bib abs 1-4

L9 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2001:140864 CAPLUS
 DN 134:294829
 TI Effects of succinylation in raw milk - modification of whey protein
 AU Lieske, Barbel; Konrad, G.
 CS Professor Hellriegel Institut e.V. Bernburg, Abteilung Milch und
 Lebensmittel, Eberswalde, D-16225, Germany
 SO Milchwissenschaft (***2001***), 56(1), 29-33
 CODEN: MILCAD; ISSN: 0026-3788
 PB VV-GmbH Volkswirtschaftlicher Verlag
 DT Journal
 LA English
 AB The effects of succinylation reaction of whey protein on the mol. properties of individual proteins were studied after reaction with different concns. of ***succinic*** ***anhydride*** in the range of 7-70 mM. The study is based on a new spectrophotometric assay for native .beta.-lactoglobulin (.beta.-Lg) and on sepn. of the modified protein with fast protein liq. chromatog. (FPLC) fitted with 3 different columns and on electrophoresis. The extent of denaturation following succinylation depends on the substrate contg. the protein as shown by the assay for native .beta.-Lg. The effects of succinylation on the mol. structure were elucidated using raw milk serum. .alpha.-Lactalbumin (.alpha.-La) is modified before it interacts with .beta.-Lg. Moreover, .beta.-Lg formed complexes with the free .kappa.-casein present in traces in the chem. modified milk serum. This is analogous to the chem.-induced interaction between .beta.-Lg and .kappa.-casein at the micellar surface on succinylation of raw milk. The latter was proved indirectly by the spectrophotometric anal. of the enzymically released caseinomacropeptide (CMP) from renneted milk and by the spectrophotometric assay of native .beta.-Lg. The mol. changes of .alpha.-La, .beta.-Lg and Ig correlate with the results of the inhibited release of CMP and to the impaired stability of the resulting gel net work.

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 4 USPATFULL on STN
 AN 1998:161980 USPATFULL
 TI Fluoride dentifrices of enhanced efficacy
 IN Zhang, Yun Po, Hillsborough, NJ, United States
 Gaffar, Abdul, Princeton, NJ, United States
 PA Colgate-Palmolive Company, New York, NY, United States (U.S.
 corporation)
 PI US 5853704 19981229 <--
 AI US 1997-935367 19970922 (8)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Rose, Shep K.
 LREP Goldfine, Henry S.
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 474

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multicomponent anticaries dentifrice composition and method of use therefore, having a first dentifrice component containing a fluoride ion source and a second dentifrice component containing a ***casein*** ***glycomacropeptide*** compound, wherein the components are physically separated before use and are combined immediately prior to application to the teeth, the dentifrice exhibiting enhanced enamel remineralization.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 4 PCTFULL COPYRIGHT 2006 Univentio on STN
AN 1999015142 PCTFULL ED 20020515
TIEN FLUORIDE DENTIFRICES OF ENHANCED EFFICACY
TIFR DENTIFRICES FLUORES PRESENTANT UNE EFFICACITE AMELIOREE
IN ZHANG, Yun, Po;
GAFFAR, Abdul
PA COLGATE-PALMOLIVE COMPANY
LA English
DT Patent
PI ***WO 9915142 A1 19990401***
DS W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG
AI WO 1998-US19287 A 19980916
PRAI US 1997-08/935,367 19970922
ABEN A multicomponent anticaries dentifrice composition and method of use therefore, having a first dentifrice component containing a fluoride ion source and a second dentifrice component containing a ***casein*** ***glycomacropeptide*** compound, wherein the components are physically separated before use and are combined immediately prior to application to the teeth, the dentifrice exhibiting enhanced enamel remineralization.
ABFR Composition de dentifrice anti-caries contenant des constituants multiples et son procede d'utilisation. Le premier constituant du dentifrice contient une source d'ions fluorure et son deuxieme constituant contient un compose de ***glycomacropeptide*** de ***caseine***, ces constituants etant separes physiquement avant l'utilisation et combines immediatement avant l'application a la dentition, ce dentifrice presentant une caracteristique amelioree de remineralisation de l'email.

L9 ANSWER 4 OF 4 EPFULL COPYRIGHT 2006 EPO/FIZ KA on STN

AN 1998:75130 EPFULL
DUPD 20040303 DUPW 200410
TIEN FLUORIDE DENTIFRICES OF ENHANCED EFFICACY.
TIFR DENTIFRICES FLUORES PRESENTANT UNE EFFICACITE AMELIOREE.
TIDE FLUORID ENTHALTENDE ZAHNPASTEN MIT VERBESSERTE WIRKSAMKEIT.
IN ZHANG, Yun, Po, 62 Nostrand Road, Hillsborough, NJ 08876, US;
GAFFAR, Abdul, 89 Carter Road, Princeton, NJ 08902, US
PA Colgate-Palmolive Company, 300 Park Avenue, New York, N.Y. 10022, US
PAN 433136
AG UEXKUELL & STOLBERG, Patentanwaelte Beselerstrasse 4, 22607 Hamburg, DE

AGN 100011
DT Patent
LAF English
LA English
LAP English
TL German; English; French
PIT EPB1 Granted patent

PI ***EP 1017362 B1 20020220***
WO 9915142 19990401
DS AT BE CH CY DE DK ES FI FR GB GR IE IT LI NL PT SE
EXTENSION STATES: RO
AI EP 1998-946075 A 19980916
WO 1998-US19287 A 19980916
PRAI US 1997-935367 A 19970922
REP EP 283675 A
EP 748591 A

=> log y

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	135.24	229.44
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-1.50	-1.50

STN INTERNATIONAL LOGOFF AT 13:53:27 ON 20 APR 2006